

# AEROSPACE MANUFACTURING IN FLORIDA: ON THE RISE

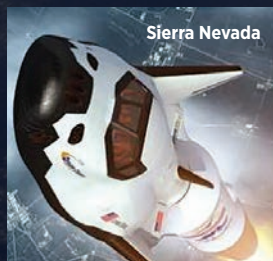


## SPACECRAFT AND SATELLITE MANUFACTURING

operations are growing significantly in Florida. NASA is working on next-generation spacecraft to ferry astronauts to and from Low Earth

Orbit and Florida is quickly becoming a national hub for small-to-large satellite manufacturing operations as well.

- **The Boeing Company**, one of NASA's three Commercial Crew finalists, will manufacture and process their CST-100 spacecraft in Space Florida's newly modernized Commercial Crew and Cargo Processing Facility, located at the Kennedy Space Center. This program will result in hundreds of aerospace manufacturing jobs for the state.



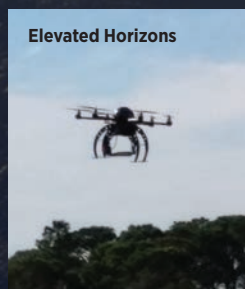
- **Sierra Nevada**, another Commercial Crew finalist, will also host manufacturing/assembly and integration of its Dream Chaser vehicle at KSC.

- **Lockheed Martin** is currently manufacturing and testing its Orion crew capsule at the KSC Operations and Checkout facility refurbished by Space Florida.
- **Harris Corporation, Honeywell and Raytheon** – all with satellite manufacturing operations in Florida, are rapidly becoming preferred providers of leading-edge satellite technology for government and commercial customers.



The manufacture and use of **UNMANNED AERIAL SYSTEMS (UAS)** is growing significantly and Florida is already serving as an epicenter for demonstration launches. These innovative vehicles have a wide variety of applications, including crop monitoring, disaster relief, brush fire detection, and academic research.

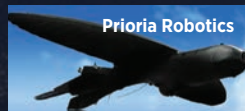
- **Altavian** builds commercial and government-centric drone technology in Gainesville to provide fast, accurate data collection for its customers.
- Growing Naples-based **Angel Eyes UAV** provides batteries, motors, cameras and consulting services to non-military unmanned systems companies.
- Orlando-based **Elevated Horizons** designs and manufactures long endurance, long range, multi rotor UAS technology for agricultural monitoring.
- Also located in Gainesville, **Prioria Robotics** manufactures a family of lightweight, portable unmanned aircraft systems providing cost-effective government intelligence solutions.



Elevated Horizons



Prioria Robotics



Prioria Robotics



Aerospace programs in Florida that directly serve the **DEPARTMENT OF DEFENSE** and other U.S. Military-based programs are thriving in Florida.



- **Northrop Grumman** announced a \$500 million capital investment and up to 1,800 jobs tied to its new Manned Aircraft Design Centers of Excellence in Melbourne and St. Augustine in 2014. These facilities will handle manufacturing and testing of next-generation USAF long-range B-2 bombers.
- **L-3 Crestview Aerospace** announced a \$7 million expansion of its aircraft manufacturing operations in Okaloosa County, increasing its workforce by 158 FTEs.



Companies developing commercial, military and private **AIRCRAFT** have long viewed Florida as a prime location to base and expand their design, manufacturing and test operations.

- **Embraer** expanded at Melbourne International Airport to manufacture its Legacy 450 and 500 executive planes there. The project will generate 600 jobs and \$28 million in capital investment.



Embraer

- **Pratt & Whitney** opens its new West Palm Beach Engine Center, producing propulsion solutions for Airbus A320 commercial aircraft and F135 engines for F35 fighters.
- **PfMan**, a high precision parts design and manufacturing company, announced the opening of a 20,000 sq. ft. facility in Hardee County in 2014.

## SPACE FLORIDA: A Valuable Partner in Growing Your Business

Space Florida is an Independent Special District and public corporation of the State of Florida, with significant empowerments to aid growing aerospace companies in Florida. Our toolkit is focused on helping companies to defray and defer both upfront and ongoing costs, utilizing techniques that include:

- **Conduit Financing**
- **Off-Balance Sheet Financing**
- **Tax Efficiencies**
- **Government to Government Conveyance of Federal Real Property and Equipment**



**SMALL BUSINESSES** are the heart of our state's economic growth and Space Florida has formed strategic partnerships with universities, technology-focused organizations and even other countries to facilitate the resources small, Florida-based companies need to grow.

- In 2014, the **University of Central Florida** and **Space Florida** partnered in a capital acceleration program, the CAT5 Awards. This competition matched investors with small Florida-based, high-tech businesses, of which, several are planning to establish manufacturing arms.
- In 2013, the State of Florida formed a \$2 million joint research fund with the **State of Israel** to support research, development and commercialization of aerospace and technology projects that benefit both states. The numerous awards that will come out of this program will directly benefit manufacturing operations based here.
- **Innovation Coast** and **Space Florida** partnered in the 2014 Innovation Awards Business Competition in which 10 small, high-tech companies will present their business case in Pensacola, before investors, financiers and a team of professional judges. The competition will provide an opportunity for manufacturing-focused small businesses to secure critical expansion funding.

SPACE FLORIDA



As Florida's spaceport authority and aerospace development organization, **SPACE FLORIDA** is committed to attracting and expanding the next generation of space industry businesses.

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